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United States Patent [19][11] **Patent Number:** **5,367,453****Capps et al.**[45] **Date of Patent:** **Nov. 22, 1994**[54] **METHOD AND APPARATUS FOR CORRECTING WORDS**[75] **Inventors:** **Stephen P. Capps; Ernest H. Beernink**, both of San Carlos; **John R. Meier**, Cupertino; **David Temkin**, San Francisco, all of Calif.[73] **Assignee:** **Apple Computer, Inc.**, Cupertino, Calif.[21] **Appl. No.:** **101,507**[22] **Filed:** **Aug. 2, 1993**[51] **Int. Cl.⁵** **G06F 15/20**[52] **U.S. Cl.** **364/419.13; 364/419.15; 382/37**[58] **Field of Search** **364/419.17, 419.13, 364/419.14, 419.15, 146, 192; 382/9, 13, 37, 38, 40; 395/155, 156, 159, 147, 146**[56] **References Cited****U.S. PATENT DOCUMENTS**

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A method for correcting recognized words in a computer system including the steps or: (a) entering an ink object into a computer system with a pointing device; (b) recognizing the ink object as a word object; (c) displaying the word object on a display of the computer system; (d) detecting a correction request made by a user pertaining to the displayed word object; and (e) displaying a list of alternative words for the word object on the display. Preferably, the list of alternative words includes a shifted-case version of the word object, a number of alternative words provided by a word recognizer, and the original ink object that was entered into the computer system. A user can select one of these alternative words to replace the misrecognized word object. Alternatively, a user may enter a word into the computer system by means of a keyboard image to replace the original word object with the newly entered word. When using the keyboard correction mode, the user has the opportunity to add the word to a dictionary list used by a word recognizer of the computer system.

20 Claims, 12 Drawing Sheets